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(54) Title: PROCESS FOR CONVERTING ALCOHOLS TO CARBONYL COMPOUNDS

(57) Abstract: The present invention provides a process for selectively converting dihydroxy-or-polyhydroxy alcohols into carbonyl compounds using dioxygen (O₂) as oxidant in the presence of a catalytic system comprising (1) a copper salt, a copper salt containing a heterocyclic ligand or a copper complex salt, and (2) a base.

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 912 388 A (MARKO ISTVAN ETTIENNE ET AL) 15 June 1999 (1999-06-15) cited in the application the whole document	1-5
A	LAURA PRATI, MICHELE ROSSI: "Stepwise oxidation of 1,2-diols resulting from molecular oxygen activation by copper" J. MOL. CATAL. A, vol. 110, 1996, pages 221-6, XP002212343 cited in the application the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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